

Serial No.: 10/785,132

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) A method for detecting abnormal activity of a server application user, the method comprising:

- (a) measuring a predetermined activity of a server application user over a first predetermined time for generating a first measurement;
- (b) measuring the predetermined activity of the server application user over a second predetermined time for generating a second measurement; and
- (c) determining whether the first and second measurements deviate a predetermined amount to detect abnormal activity for the server application user,

wherein the predetermined activity comprises web page requests.

2. (Original) The method of claim 1, comprising maintaining a log of the predetermined activity of the server application user over the first and second predetermined times.

3. (Original) The method of claim 1, wherein the predetermined activity comprises a server application request.

4. (Currently Amended) ~~The method of claim 3,~~ A method for detecting abnormal activity of a server application user, the method comprising:

- (a) measuring a predetermined activity of a server application user over a first predetermined time for generating a first measurement;
- (b) measuring the predetermined activity of the server application user over a second predetermined time for generating a second measurement;
and

Serial No.: 10/785,132

(c) determining whether the first and second measurements deviate a predetermined amount to detect abnormal activity for the server application user,

wherein the predetermined activity comprises a server application request, and

wherein the server application request is [[an]] a hypertext transfer protocol (HTTP) request.

5. (Original) The method of claim 1, wherein the predetermined activity comprises failed login attempts.

6. (Original) The method of claim 1, wherein the predetermined activity comprises login time.

7. (Canceled)

8. (Currently Amended) The method of claim [[3]] 1, wherein the web page requests are hypertext transfer protocol (HTTP) requests.

9. (Currently Amended) The method of claim [[7]] 1, wherein the second measurement is an average count of web page requests for communication sessions between the server application user and a server application.

10. (Currently Amended) The method of claim [[7]] 1, wherein the second measurement is an average count of web page requests between the server application user and a server application during a time interval.

11. (Currently Amended) ~~The method of claim 1,~~ A method for detecting abnormal activity of a server application user, the method comprising:

Serial No.: 10/785,132

- (a) measuring a predetermined activity of a server application user over a first predetermined time for generating a first measurement;
- (b) measuring the predetermined activity of the server application user over a second predetermined time for generating a second measurement;
and
- (c) determining whether the first and second measurements deviate a predetermined amount to detect abnormal activity for the server application user,

wherein the predetermined activity comprises failed web page requests.

12. (Original) The method of claim 11, wherein the second measurement is an average count of failed web page requests for communication sessions between the server application user and a server application.

13. (Original) The method of claim 1, wherein the predetermined activity comprises session duration.

14. (Currently Amended) A system for detecting abnormal activity of a server application user, the system comprising:

- (a) a network interface for receiving communication data of a predetermined activity of a server application user over a first and second predetermined time, respectively; and
- (b) a detector operable to generate a first and second measurement of the predetermined activity for the first and second predetermined times, respectively, and operable to determine whether the first and second measurements deviate a predetermined amount to detect abnormal activity for the server application user,
wherein the predetermined activity comprises web page requests.

Serial No.: 10/785,132

15. (Original) The system of claim 14, comprising a log operable to maintain a record of the predetermined activity of the server application user over the first and second predetermined times.

16. (Original) The system of claim 14, wherein the predetermined activity comprises a server application request.

17. (Currently Amended) ~~The system of claim 16,~~ A system for detecting abnormal activity of a server application user, the system comprising:

(a) a network interface for receiving communication data of a predetermined activity of a server application user over a first and second predetermined time, respectively; and

(b) a detector operable to generate a first and second measurement of the predetermined activity for the first and second predetermined times, respectively, and operable to determine whether the first and second measurements deviate a predetermined amount to detect abnormal activity for the server application user,

wherein the predetermined activity comprises a server application request, and

wherein the server application request is [[an]] a hypertext transfer protocol (HTTP) request.

18. (Original) The system of claim 14, wherein the predetermined activity comprises failed login attempts.

19. (Original) The system of claim 14, wherein the predetermined activity comprises login time.

20. (Canceled)

Serial No.: 10/785,132

21. (Currently Amended) The system of claim ~~[[20]]~~ 14, wherein the web page requests are hypertext transfer protocol (HTTP) requests.

22. (Currently Amended) The system of claim ~~[[20]]~~ 14, wherein the second measurement is an average count of web page requests for communication sessions between the server application user and a server application.

23. (Currently Amended) The system of claim ~~[[20]]~~ 14, wherein the second measurement is an average count of web page requests between the server application user and a server application during a time interval.

24. (Original) The system of claim 14, wherein the predetermined activity comprises failed web page requests.

25. (Original) The system of claim 24, wherein the second measurement is an average count of failed web page requests for communication sessions between the server application user and a server application.

26. (Original) The system of claim 14, wherein the predetermined activity comprises session duration.

27. (Currently Amended) A computer program product comprising computer-executable instructions embodied in a computer-readable medium for performing steps comprising:

- (a) measuring a predetermined activity of a server application user over a first predetermined time for generating a first measurement;
- (b) measuring the predetermined activity of the server application user over a second predetermined time for generating a second measurement;
- and

Serial No.: 10/785,132

- (c) determining whether the first and second measurements deviate a predetermined amount to detect abnormal activity for the server application user,
wherein the predetermined activity comprises web page requests.

28. (Original) The computer program product of claim 27, comprising maintaining a log of the predetermined activity of the server application user over the first and second predetermined times.

29. (Currently Amended) The computer program product of claim [[14]] 27, wherein the predetermined activity comprises a server application request.

30. (Currently Amended) ~~The computer program product of claim 29, A~~
computer program product comprising computer-executable instructions embodied in a computer-readable medium for performing steps comprising:

- (a) measuring a predetermined activity of a server application user over a first predetermined time for generating a first measurement;
- (b) measuring the predetermined activity of the server application user over a second predetermined time for generating a second measurement;
and
- (c) determining whether the first and second measurements deviate a predetermined amount to detect abnormal activity for the server application user,

wherein the predetermined activity comprises a server application request,
and

wherein the server application request is [[an]] a hypertext transfer protocol (HTTP) request.

31. (Original) The computer program product of claim 27, wherein the predetermined activity comprises failed login attempts.

Serial No.: 10/785,132

32. (Original) The computer program product of claim 27, wherein the predetermined activity comprises login time.

33. (Canceled)

34. (Currently Amended) The computer program product of claim ~~[[33]]~~ 27, wherein the web page requests are hypertext transfer protocol (HTTP) requests.

35. (Currently Amended) The computer program product of claim ~~[[33]]~~ 27, wherein the second measurement is an average count of web page requests for communication sessions between the server application user and a server application.

36. (Currently Amended) The computer program product of claim ~~[[33]]~~ 27, wherein the second measurement is an average count of web page requests between the server application user and a server application during a time interval.

37. (Original) The computer program product of claim 27, wherein the predetermined activity comprises failed web page requests.

38. (Original) The computer program product of claim 37, wherein the second measurement is an average count of failed web page requests for communication sessions between the server application user and a server application.

39. (Original) The computer program product of claim 27, wherein the predetermined activity comprises session duration.

Serial No.: 10/785,132

40. (Currently Amended) A method for detecting abnormal activity of a server application user, the method comprising:

- (a) measuring a predetermined activity of a plurality of server application users over a first predetermined time for generating a first measurement;
- (b) measuring the predetermined activity of a first server application user over a second predetermined time for generating a second measurement; and
- (c) determining whether the first and second measurements deviate a predetermined amount to detect abnormal activity for the first server application user,
wherein the predetermined activity comprises web page requests.

41. (Original) The method of claim 40, comprising maintaining a log of the predetermined activity over the first and second predetermined times.

42. (Canceled)

43. (Currently Amended) The method of claim [[42]] 40, wherein the web page requests are hypertext transfer protocol (HTTP) requests.

44. (Original) The method of claim 40, wherein the second measurement is average count of web page requests for communication sessions between the server application user and a plurality of server applications.

45. (Original) The method of claim 40, wherein the predetermined activity comprises session duration.

Serial No.: 10/785,132

46. (Original) The method of claim 40, wherein the second measurement is average session duration for communication sessions between the server application user and a plurality of server applications.

47. (Currently Amended) A system for detecting abnormal activity of a server application user, the system comprising:

- (a) a network interface for receiving communication data of a predetermined activity of a first server application user and a selected plurality of server application users over a first and second predetermined time, respectively; and
- (b) a detector operable to generate a first and second measurement of the predetermined activity for the first and second predetermined times, respectively, and operable to determine whether the first and second measurements deviate a predetermined amount to detect abnormal activity for the first server application user,
wherein the predetermined activity comprises web page requests.

48. (Original) The system of claim 47, comprising a log for recording the predetermined activity over the first and second predetermined times.

49. (Canceled)

50. (Currently Amended) The system of claim ~~[[49]]~~ 47, wherein the web page requests are hypertext transfer protocol (HTTP) requests.

51. (Currently Amended) The system of claim ~~[[49]]~~ 47, wherein the second measurement is average count of web page requests for communication sessions between the server application user and a plurality of server applications.

Serial No.: 10/785,132

52. (Original) The system of claim 47, wherein the predetermined activity comprises session duration.

53. (Original) The system of claim 47, wherein the second measurement is average session duration for communication sessions between the server application user and a plurality of server applications.

54. (Currently Amended) A computer program product comprising computer-executable instructions embodied in a computer-readable medium for performing steps comprising:

- (a) measuring a predetermined activity of a plurality of server application users over a first predetermined time for generating a first measurement;
 - (b) measuring the predetermined activity of a first server application user over a second predetermined time for generating a second measurement; and
 - (c) determining whether the first and second measurements deviate a predetermined amount to detect abnormal activity for the first server application user
- wherein the predetermined activity comprises web page requests.

55. (Original) The computer program product of claim 54, comprising maintaining a log of the predetermined activity over the first and second predetermined times.

56. (Canceled)

57. (Currently Amended) The computer program product of claim [[56]] 54, wherein the web page requests are hypertext transfer protocol (HTTP) requests.

Serial No.: 10/785,132

58. (Original) The computer program product of claim 54, wherein the second measurement is average count of web page requests for communication sessions between the server application user and a plurality of server applications.

59. (Original) The computer program product of claim 54, wherein the predetermined activity comprises session duration.

60. (Original) The computer program product of claim 54, wherein the second measurement is average session duration for communication sessions between the server application user and a plurality of server applications.